

ABSTRACT

A heating device producible at a low cost and capable of heating to high temperatures, a method for producing the heating device, and a film forming apparatus using the heating device are provided. The heating device comprises a support base adapted to support a substrate and comprising aluminum or an aluminum alloy, a sheathed heater provided within the support base, and support plates provided within the support base and comprising a metallic material having a melting point of 850°C or higher.